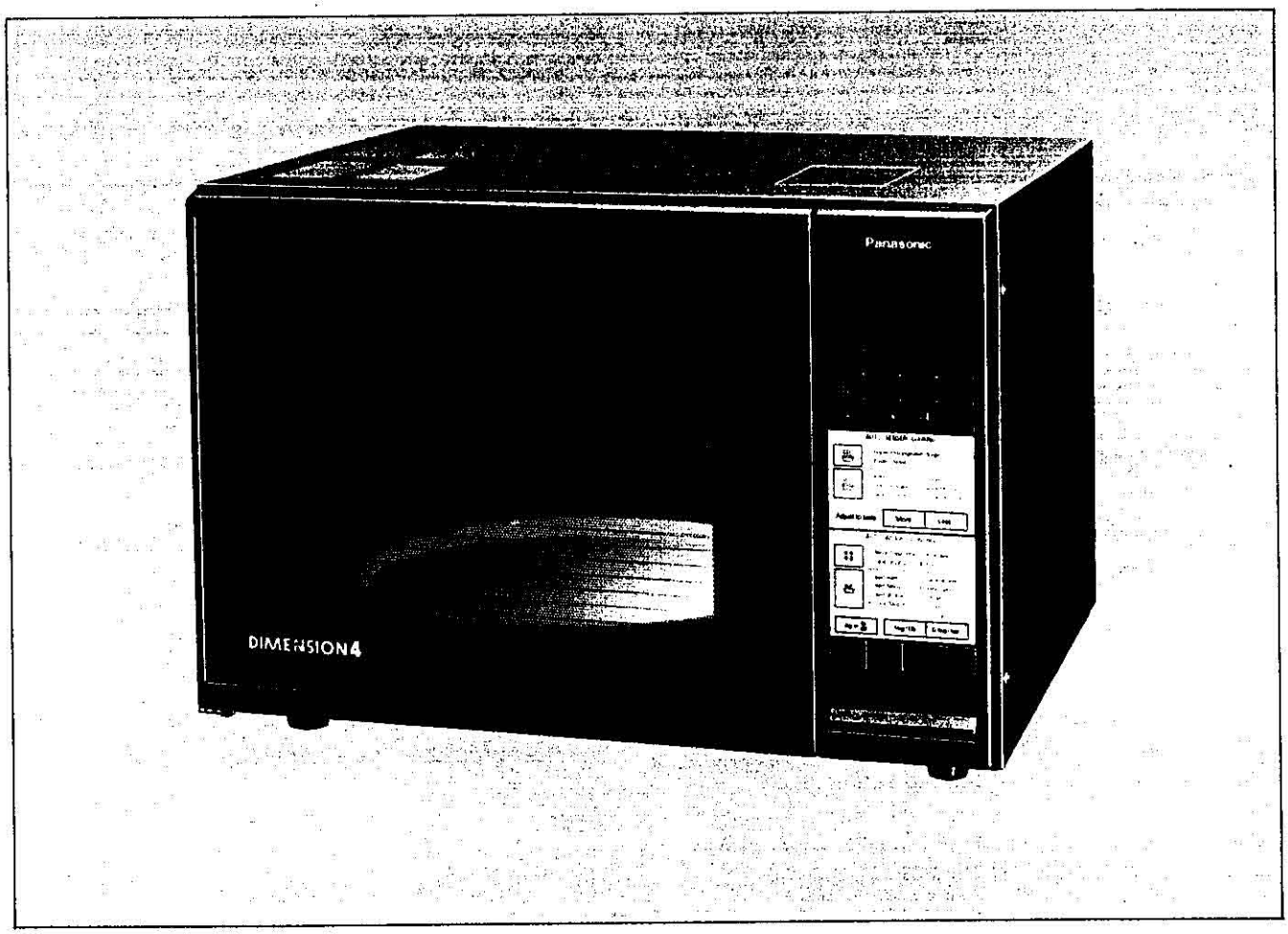
Operating Instructions

Microwave/Combination Oven **NE-993/992**



Panasonic

Before using your Microwave/Combination Oven, please read these instructions carefully.

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This appliance was produced to BS 800: 1983.

Precautions to Avoid Possible Exposure to Excessive Microwave Energy

(a) Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

(b) Do not place any object between the oven front face and the door, or allow soil or cleaner residue to accumulate on sealing surfaces.

(c) Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the:
- **(1)** door (bent).
- **(2)** hinges and latches (broken or loosened).
- **(3)** door seals and sealing surfaces.

(d) Do not operate the oven if door seal areas are damaged the appliance should not be operated until it has been repaired by a service technician trained by the manufacturer.

(e) It is **dangerous for anyone other than a service technician trained by the manufacturer** to perform repair service.

Serial number of the unit can be found on the left side of the control panel. When the door is opened, you can find it in the nameplate.

Installation

Examine Your Oven
Unpack the oven, remove all packing materials, and examine the oven for any damage such as dents, broken door latches or cracks in the door. Notify dealer immediately if oven is damaged. Do not install if the oven is damaged.

Guarantee Card
Fill out and post the preaddressed registration card.

Earthing Instructions
IMPORTANT: FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY EARTHED.

When a wall socket is not earthed, it is the personal responsibility and obligation of the customer to have it replaced with a properly earthed wall socket.

Voltage and Power Warning
The voltage used must be the same as specified on this microwave oven. Using a higher voltage than that which is specified is dangerous, and may result in a fire or other type of accident causing damage.

Placement of Oven
1. Oven must be placed on a flat, stable surface. For proper operation, the oven must have sufficient air flow.

   a. Do not block air vents on the cabinet and also do not place any articles on the top of the oven. If they are blocked during operation, the oven may overheat. If the oven overheats, a thermal safety device will turn the oven off. The oven will remain inoperable with blank display until it has cooled.

   b. Do not place the oven near a hot damp surface such as a gas, electric range or sink etc.

   c. Do not operate oven when room humidity is too high.

   d. In case of fitting into an oven housing, please use Panasonic's Trim Kit TK98, TK99, referring to the Trim Kit's Instruction Manual for details.

2. Do not allow mains cable to touch cabinet surface.

3. Do not insert the power cord in the rear cover as high temperature within the cover may damage power cord.

4. This oven was manufactured for domestic use only.

WARNING:
THIS APPLIANCE MUST BE EARTHED.
IMPORTANT:
The wires in this main lead are coloured in accordance with the following code:

Green-and-yellow:	Earth
Blue:	Neutral
Brown:	Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured GREEN-and YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the safety earth symbol ⏚ or coloured GREEN or GREEN-and-YELLOW. The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Plug in Oven
When the oven is first plugged in, the colon will blink in the display window until the Clock is set.

Important Safety Instructions

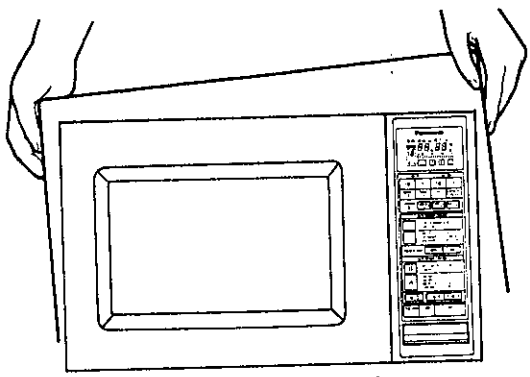
Warning Points

1. Do not operate this appliance if it has a damaged CORD OR PLUG, if it is not working properly, or if it has been damaged or dropped.
2. This appliance should be serviced only by qualified service personnel.
3. Do not use outdoors.
4. Do not immerse cord or plug in water.
5. Keep cord away from heated surfaces.
6. Do not let cord hang over the edge of table or counter.
7. When cleaning surfaces of door and oven that come together on closing the door, use only mild non-abrasive soaps or detergents applied with a sponge or soft cloth.
8. Use extreme caution when removing accessories or disposing of hot grease.
9. Do not touch any hot surfaces of the unit. Especially in case of grill or convection cooking, grill element and inside of the oven will become very hot! Always use the handle supplied for removing the grill pan, or make sure to wear oven gauntlets.
10. To reduce the risk of fire in the oven cavity:
    (a) Do not overcook food. Carefully attend the appliance if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
    (b) Remove wire twist-ties from bags before placing bag in oven.
    (c) If materials inside the oven should ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.

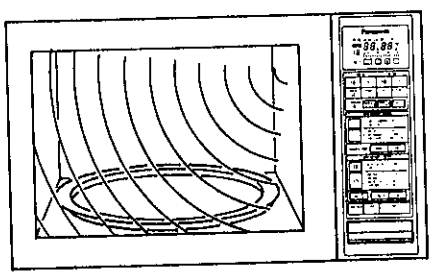
FOR PROPER USE OF YOUR OVEN READ REMAINING SAFETY CAUTIONS AND OPERATING INSTRUCTIONS.

Caution Points

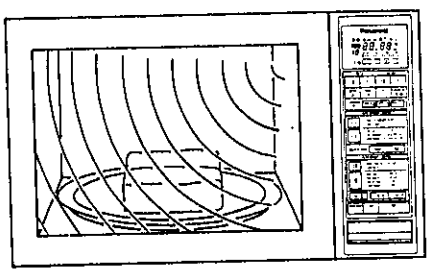
1. Do not attempt to tamper with or make any adjustments or repairs to door, control panel housing, safety interlocks switches or any other part of the oven. Do not remove outer panel from oven. Repairs should only be done by a qualified service person.
2. Do not turn on the oven when it is empty. In order to maintain the high quality of the magnetron tubes, you are requested not to turn the oven on whilst it is empty.
3. If a fire occurs in the oven, touch the Stop/Cancel Pad and leave door closed. Disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
4. Do not attempt to dry clothes, newspapers or other materials in the oven. They may catch fire.
5. Do not use recycled paper products, as they may contain impurities which may cause sparks and/or fires when used.
6. Do not use newspapers or paper bags for cooking.
7. Do not hit or strike control panel. Damage to controls may occur.
8. Do not store flammable materials next to, on top, or in the oven. It could be a fire hazard.
9. Do not use the oven without the ceramic tray and roller ring in place.



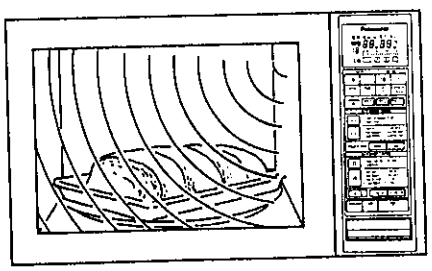
Do not open the cabinet.



Do not turn on the oven when it is empty.



Do not dry clothes or newspaper.



Do not use the oven without the ceramic tray and roller ring in place.

General Information

Food

1. Never use your microwave oven for home canning. The oven is not designed for canning. Improperly canned food may spoil and be dangerous to consume.
2. Cooking times given in the cookbook are approximate. Factors that may affect cooking the time are: preferred degree of cooking, starting temperature, altitude, volume, size and shape of foods and utensils used. As you become familiar with the oven, you will be able to adjust for these factors.
3. It is better to undercook rather than overcook foods. If food is undercooked, it can always be returned to the oven for further cooking. If food is overcooked, nothing can be done. Always start with minimum cooking times.
4. Small quantities of food or foods with low moisture content can burn, dry out or catch on fire if cooked too long. If a fire occurs, touch the Stop/Cancel Pad and leave oven door closed.
5. Do not boil eggs in their shell. Pressure may build up and the eggs will explode.
6. Potatoes, apples, egg yolks, whole vegetables and sausages are examples of food with nonporous skins. These must be pierced using a fork before cooking to prevent bursting.
7. Do not attempt to deep fat fry in your oven.
8. Use a meat thermometer to check the degree of cooking of roasts and poultry. If undercooked, return to oven and cook a few more minutes at the recommended power level. Do not use a conventional meat thermometer in the microwave oven. (See your cookbook for further information).
9. Heated liquid can erupt if not mixed with air. Do not heat liquid in your microwave oven without first stirring.

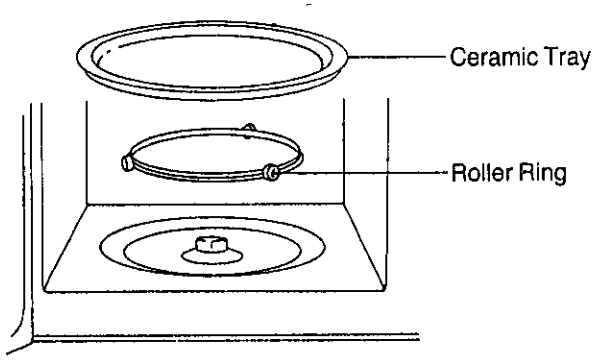
Note: It is important to correctly set the cooking time for pudding such as Christmas Pudding which has a high fat and sugar content. If the pudding is heated for too long, the inside may ignite.

Roller Ring

1. The roller ring and oven floor should be cleaned frequently to prevent excessive noise and food particle build up.
2. The roller ring together with the ceramic tray must always be used when cooking.

Ceramic Tray

1. Do not operate the oven without ceramic tray in place.
2. Do not use any other ceramic tray with this oven.
3. If the tray is hot, allow to cool before cleaning or placing it in water.
4. Do not cook directly on ceramic tray.



Automatic Checking Mechanism

"FFFF" Display in Window:

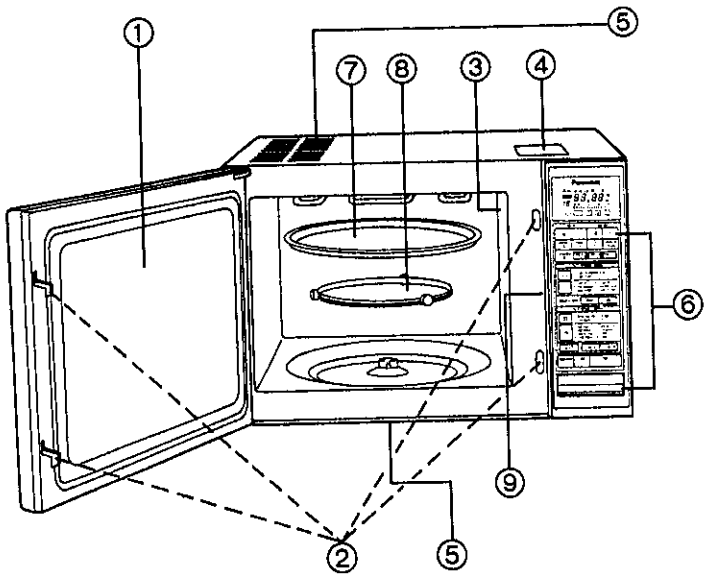
If "FFFF" appears in display window remove the plug from the AC wall socket, wait 10 seconds and then plug the oven in again.

- If the "FFFF" indication clears, simply reset the time of day and use the oven.
- If the "FFFF" still appears, please contact the dealer from whom you purchased the oven.

Power Failure etc.:

When the oven is not being used for cooking, the time of day will appear in the display window.
If the oven is affected by a temporary power failure or the plug is removed from the wall socket and then reinserted, the colon in the display window will blink.
To reset correct time of day, simply follow the clock set instructions. (See Page 8.)

Outline Diagram



① **Oven Window**

② **Door Safety Lock System**
Before any cooking function can begin, oven door must be securely shut.

③ **Oven Light**
Will turn on whenever the door is opened or during cooking.

④ **Oven Light Cover**
Allows easy access to replace the oven light.

⑤ **Oven Air Vents**
Never block air vents during cooking.

⑥ **Control Panel**
See below.

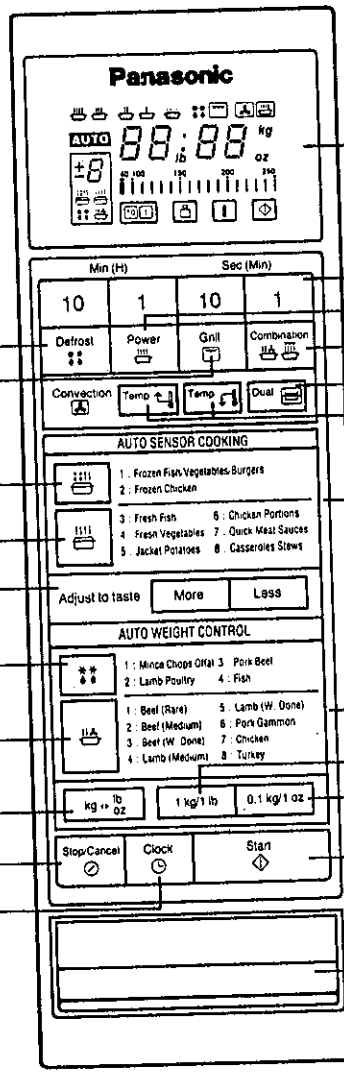
⑦ **Ceramic Tray**
Must be placed in the oven before cooking.

⑧ **Roller Ring**
Must be placed in the oven before cooking.

⑨ **Nameplate**

Control Panel

❶ **Controls with Auto Count-Up Feature**



❷ **Display Window**

❹ **Time Pads**

❺ **Power Pad**

❽ **Combination Pad**

❿ **Dual-Shelf Pad**

❾ **Convection Temperature Pad**

❻ **Cyclic Defrost Pad**

❼ **Grill Pad**

⓫ **Auto Sensor Cooking Pad**

⓮ **Adjust to Taste Pad**

⓬ **Auto Weight Defrost Pad**

⓭ **Auto Weight Combination Pad**

⓱ **Kg/lb Convert Pad**

⓲ **Stop/Cancel Pad**

❸ **Clock Pad**

⓴ **Cooking Guide**

⓯ **1 kg/1 lb Pad**

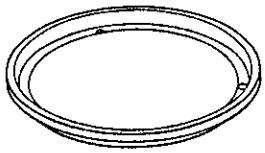
⓰ **0.1 kg/1.0 oz Pad**

⓳ **Start Pad**

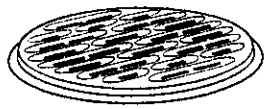
㉑ **Door Opener Button**

Accessories

Accessories and Use



Drip Tray-Grill Pan
(ANE0603Z70BP)

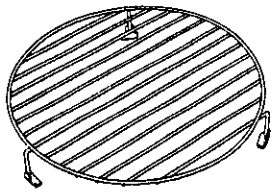


Splash Guard
(ANE0648Z70BP)

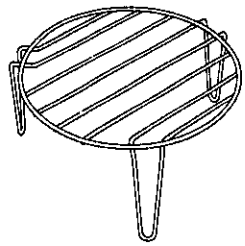
Splash Guard:
Use with the Drip pan. Splash Guard helps prevent splashing.

Ceramic Tray

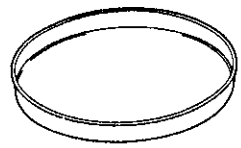
Ceramic Tray:
Oven should not be operated without the Ceramic Tray.



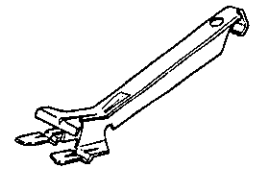
Low-Rack
(ANE0602Z70BP)



High-Rack
(ANE0641Z70BP)

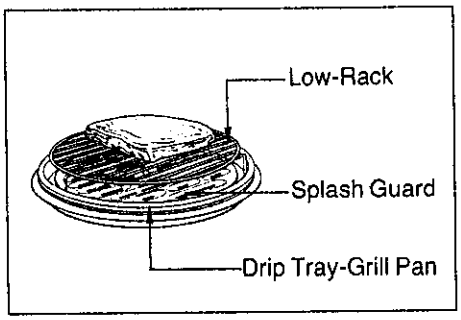


Baking Tray
(ANE0709Z70BP)

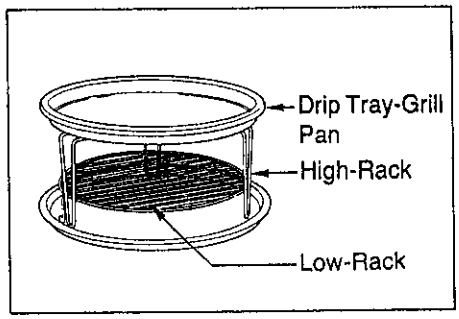


Handle
(ANE0604-F20)

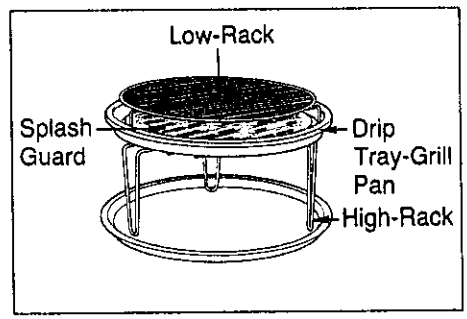
Followings are the recommendable usages:



CONVECTION/
CONVECTION COMBINATION

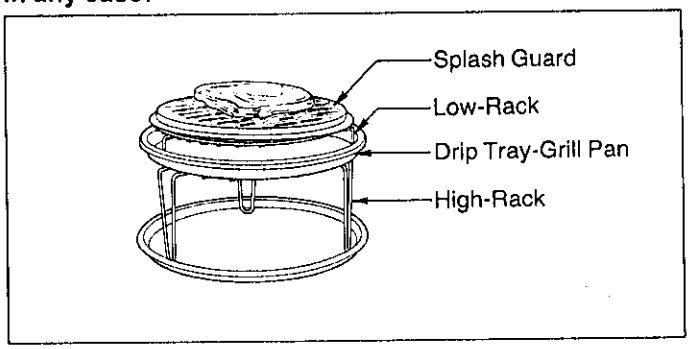


DUAL-SHELF COOKING

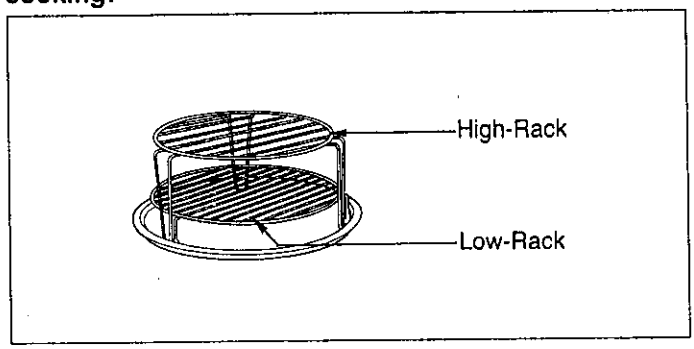


GRILL/GRILL COMBINATION

Do not use the following accessory combination in any case:



Do not use the following except during convection cooking:



Further instruction will be given in the instruction section of your cookbook.

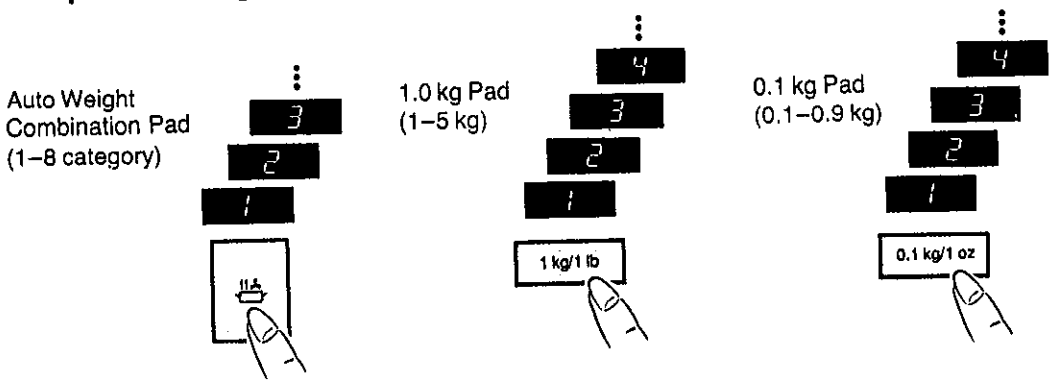
Controls

❶ Auto Count Up:

The Time, Power, Weight Defrost Category, Weight Cook Category, 1.0 kg, and 0.1 kg pads are all equipped with the Auto Count Up feature. By holding your finger on the pad, the readout in the display window will count up. After reaching the maximum function, the display will return to the starting point and continue to count up. To stop the readout simply remove your finger from the pad.

Note: When programming the oven, hold your finger firmly in the centre of the pad.

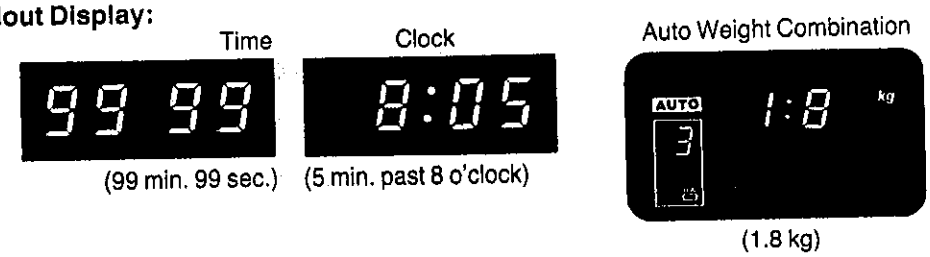
Example: Auto Weight Combination Pad, 1.0 kg Pad, 0.1 kg Pad



❷ Display Window:

Display the time of day before or after cooking, time during cooking, Category number of Auto Sensor Cooking, and Auto Weight Defrosting category and weight.

Digital Readout Display:



Indicator Light

1. In the upper part and right side of display window, an indicator light will turn on when a specific power level and/or each function is selected, like Auto Sensor Cooking, Auto Weight Control.
2. When you use convection, Pre-heat temperature, or Cooking temperature will be shown in temperature bar.
3. And for easy operation, when you select the cooking method and press the pad, the next pad indication light will start to blink, in the lower part of display window.

❸ Clock Pad:

When oven is first plugged in, the colon in the display window will blink.

N.B. This oven uses a 12-hour clock system, without AM/PM indication.

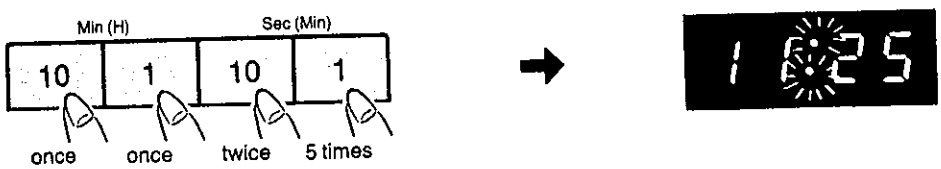
To set clock

Step 1. Enter time of day by pressing appropriate Time Pads.

▶Time appears in display window; colon is blinking.

Example: To set 11:25

touch Time Pads from left to right as follows:



Step 2. Touch Clock Pad.
▶Colon stops blinking; time of day is entered and locked into display.

NOTES ON CLOCK SETTING
1. Clock must be set before oven will operate.
2. To reset time of day touch Clock Pad twice to clear the time. Colon will begin to blink. Enter the correct time of day by following the above procedures.
3. The clock will keep the time of day as long as oven is plugged in and electricity is supplied.

❹ Time Pads:

MIN 10	MIN 1	SEC 10	SEC 1
10	1	10	1
1 HOUR	"H" h	10 MIN	1 MIN

1. Basic Time Setting
The Pads serve as a 10 minute pad, 1 minute pad, 10 second pad and 1 second pad from the left, and can be programmed up to 99 minutes and 99 seconds.

(Example 1: To set 13 minutes 45 seconds)
Touch;
10 MIN Pad: once
1 MIN Pad: 3 times
10 SEC Pad: 4 times
1 SEC Pad: 5 times

(Example 2: To set 30 seconds)
Touch;
10 SEC Pad: 3 times

2. SIMMER/CONVECTION/MANUAL COMBINATION (WITH CONVECTION) Setting
The pads serve as a 1 hour pad, an inoperable pad, 10 minute pad and 1 minute pad from the left, and can be programmed up to 9 hours and 99 minutes.

(Example 1: To set 2 hours 25 minutes)
Touch;
1 HOUR Pad: twice
10 MIN Pad: twice
1 MIN Pad: 5 times

(Example 2: To set 45 minutes)
Touch;
10 MIN Pad: 4 times
1 MIN Pad: 5 times

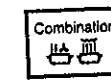
Note: When SIMMER is programmed for 1 hour or longer, the time in the display window counts down minute by minute. When less than 59 minutes (59 00) remain, the time counts down second by second.

❺ Power Pad:
Automatically counts down from High to Warm. The following is the approximate wattage for each power level.

HIGH power	600 W	SIMMER power	180 W
MEDIUM power	480 W	WARM power	70 W
LOW power	360 W		

❻ Cyclic Defrost Pad:
When DEFROST is selected, the automatic cycle divides the defrosting time into 8 periods which alternate between defrost (240 W) and stand.

❼ Grill Pad:
Gives you approximately 1500 W power.

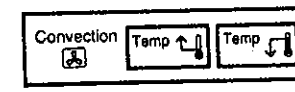


❽ Combination Pad:

Gives you 6 ways of combination cooking by "microwave & convection" and "microwave & grill". The followings are the approximate power level for each setting.

Microwave & Convection Category	1	2	3	4
Microwave	140 W	240 W	160 W	220 W
Convection	160°C	200°C	180°C	180°C

Microwave & Grill Category	5	6
Microwave	380 W	160 W
Grill	1500 W	1500 W

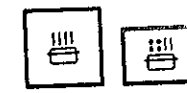


❾ Convection Pad:

Set the cooking temperature by convection. (Minimum 40°C, Maximum 250°C) enables you to increase the temperature setting, decrease the temperature setting.

❿ Dual Shelf Pad:

Allows you to set dual-shelf cooking with pre-heat setting.



⓫ Auto Sensor Cooking Pad:

Allows you to cook meat or poultry by choosing a cook category. For further information on Auto Sensor Cooking, refer to Introduction in Cookbook. Press this pad to select the appropriate cook category. Listed chart on page 12 are the recommended foods for each category.

⓬ Auto Weight Defrost Pad:

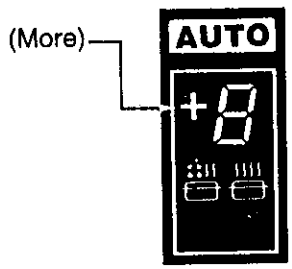
Allows you to defrost meat or poultry by weight. Choose a defrosting category and programme the weight of the food. Weight may be programmed in kilogrammes and tenths of a kilogramme, or in pounds and onces. For further information on Auto Weight Defrost refer to the Introduction in the Cookbook.
Press this pad to select the appropriate defrosting category 1 through 4. Listed in the chart on page 13 are the recommended foods and maximum weight limits for each category.

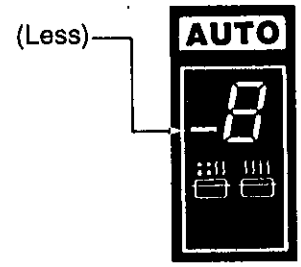
⓭ Auto Weight Combination Pad:

This feature allows you to cook meat or poultry by weight on combination using "microwave and convection". Choose cook category and programme in the weight of the food. Weight can be programmed both in kilogrammes and tenths of a kilogramme and in pounds and ounces.
Press this pad to select the appropriate cook category 1 through 8. Listed in the chart on page 12 are the recommended foods and maximum weight limits for each category.

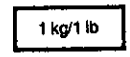
⑭ Adjust to Taste Pad:

When you cook by Auto Sensor Cooking, this Pad allows you to adjust to taste by pushing More Pad or Less Pad before pushing Start Pad.



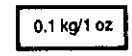


⑮ 1 kg/1 lb Pad:



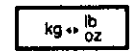
Press this pad to programme the weight of your food by kilogramme, or pound.

⑯ 0.1 kg/1 oz Pad:



Press this pad to programme the weight of your food by a tenth of a kilogramme, or ounce.

⑰ kg/lb Convert Pad:



When you select some category from Auto Weight Control, kg indication will be prepared for. If you tap Convert Pad, indication Lights change to lb. oz.
NOTE: The kg/lb Convert Pad can't work once weight is set in kilogrammes or pounds.

⑱ Stop/Cancel Pad:

Before cooking: One tap clears your instructions.
During cooking: One tap temporarily stops the cooking process. Another tap cancels all your instructions and time of day appears in display window.

⑲ Start Pad:

One tap allows oven to begin functioning. If door is opened or Stop/Cancel Pad is tapped once during oven operation, Start Pad must again be touched to restart oven.

⑳ Cooking Guide:

Easy reference for use of Auto Weight Defrosting, Combination and Auto Sensor Cooking.

㉑ Door Opener Button:

Allows you to open the door by pushing the Door Opener Button.

Opening the Door:
Opening the door during cooking will stop the cooking process without cancelling the programme. Cooking resumes as soon as the door is closed and Start Pad is touched. The oven light will stay on or turn on whenever the door is opened.

Beep Sound:
When a pad is touched correctly, a beep will be heard. If a pad is touched and no beep is heard, the unit does not or cannot accept the instruction. The oven will beep twice between programmed stages. At the end of any completed programme, the oven will beep 5 times.

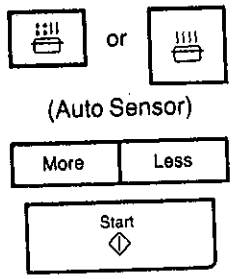
Operation Procedure

Auto Sensor Cooking

Step 1

Press Auto Sensor Cooking Category Pad to select Cook Category.

NOTE: Press More or Less Pad for your desired taste.



▶Clock time disappears. The selected category number appears in the display window. Auto Sensor Cooking indicator light turns on. Start Pad indicator light blinks.

Step 2

Touch Start Pad.

After Oven Starts:

▶MICROWAVE COOKING BEGINS. Turntable rotates. Oven light turns on. Auto Sensor Cooking indicator light begins to blink. The selected category number still remains.

- When Humidity Sensor detects moisture which escapes from the food, Time readout appears in the Display Window, indicating remaining amount of time that food will cook. Oven beeps twice.

▶WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. The indicator light and oven light turn off. Time of day appears in display window.

NOTES ON AUTO SENSOR COOKING:

1. Categories for Auto Defrost and Cook are:

Category	Food
	1. Frozen Fish Vegetables/Burger 2. Frozen Chicken

2. Categories for Auto Sensor Cook are:

Category	Food
	3. Fresh Fish 4. Fresh Vegetables 5. Jacket Potatoes 6. Chicken Portions 7. Quick Meat Sauces 8. Casseroles Stews

3. For proper cooking results on Auto Sensor programme, be sure to cover foods tightly with cling film, or place in a glass casserole with lid as directed by recipe.
4. When Humidity Sensor detects moisture and oven calculates remainder of cooking time to be over 60 minutes, time will appear as hour and minutes. Seconds will not visibly count down until 59 minutes remain.
5. When the Auto Sensor Category Pad is tapped while the oven is hot, "H" sign meaning hot will appear in the display window. This is normal. Allow the oven to be cooled until "H" sign disappears. To cool the oven quickly, touch the Start Pad, then cooling fan will turn on, but no microwaves will be generated.

IMPORTANT:

- The Auto Sensor system works by detecting a build-up of steam on the humidity sensor. As foods cook in the microwave, steam is produced. When foods are covered, the steam will build up and escape from the dish in a burst. This burst of steam is detected by the humidity sensor and then the oven automatically calculates the remaining cooking time.
- To ensure good cooking results an Auto Sensor, do not interrupt the programme for more than one minute while the Auto Sensor Cooking category number is indicated in the Display window.
- All foods for Auto Sensor Cooking to cook are taken from their normal storage place.
- All foods for Auto Sensor Cooking to defrost and cook should be solidly frozen.
- Before using Auto Sensor feature, make sure ceramic tray in the oven is dry to assure best Auto cooking results.
- Room temperature or heat surrounding the oven should not be above 35°C or below 0°C when using the Auto Sensor Cooking cycle. Otherwise, inaccurate cooking may result.
- When selecting Auto Sensor Cooking for frozen foods, do not expect to be completely defrosted or to be cooked, when oven beeps twice.
  This is a total cycle for frozen foods and foods should not be removed until the end of the cook cycle.
  For defrosting foods only, use Defrost cycle, or Auto Weight Defrost.

Auto Weight Defrost

Step 1

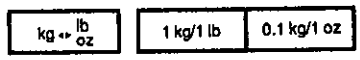
Press Auto Weight Defrost Pad to select Defrost Category 1 through 4.

(Auto Weight)

▶Clock time disappears. The selected category number appears in the display window. Auto Weight Defrost indicator light turns on. kg or lb. oz indicator turn on. Weight Pad indicator ⚖ starts to blink.

Step 2

Select the desired weight and set the weight of your food by pressing 1 kg/1 lb Pad and/or 0.1 kg/1 oz Pad.



▶Category number remains on and the weight selected appears in display window. Start Pad indicator light ◈ begins to blink.

Step 3

Touch Start Pad.

After Oven Starts:

▶MICROWAVE DEFROSTING BEGINS. Turntable rotates. Oven light turns on. Auto Weight Defrost indicator light begins to blink. Weight in display disappears. Defrosting time appears and counts down second by second, or minute by minute.

▶WHEN DEFROSTING IS COMPLETED, oven beeps five times and shuts off. Turntable stops. The indicator light and oven light turn off. Time of day appears in display window.

NOTES ON AUTO WEIGHT DEFROST:

1. Categories for Auto Weight Defrost and maximum weights are:

Category	Food	Maximum Weight
1	Mince, Chops, Offal	2 kg/5 lb
2	Lamb, Poultry	5 kg/11 lb
3	Pork, Beef	3 kg/7 lb
4	Fish	2 kg/5 lb

Auto Weight Combination

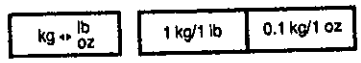
Step 1

Press Auto Weight Combination Category Pad to select Cook Category 1 through 8.
NOTE: Select the correct indicator between kg and lb. oz by tapping kg/ lb Convert Pad. Set the weight of your food by pressing 1 kg/1 lb Pad and/or 0.1 kg/1 oz Pad.

▶Clock time disappears. The selected category number appears in the display window. Auto Weight Combination indicator light and kg or lb. oz indicator turn on. Weight Pad indicator ⚖ starts to blink.

Step 2

Select the desired weight and set the weight of your food by pressing 1 kg/1 lb Pad and/or 0.1 kg/1 oz Pad.



▶Category number remains on and the weight selected appears in the display window. Start Pad indicator light ◈ begins to blink.

Step 3

Touch Start Pad.

After Oven Starts:

▶COMBINATION COOKING BEGINS. Turntable rotates. Oven light turns on. Auto Weight Combination indicator light begins to blink. Weight in display disappears. Cooking time appears and counts down second by second, or minute by minute.

▶WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. The indicator light and oven light turn off. Time of day appears in display window.

NOTES ON AUTO WEIGHT COMBINATION:

1. Categories for Weight Cook are Cook and maximum weights are:

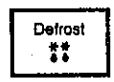
Category	Food	Maximum Weight
1	Beef (Rare)	3 kg/7 lb
2	Beef (Medium)	3 kg/7 lb
3	Beef (W. Done)	3 kg/7 lb
4	Lamb (Medium)	3 kg/7 lb
5	Lamb (W. Done)	3 kg/7 lb
6	Pork Gammon	3 kg/7 lb
7	Chicken	3 kg/7 lb
8	Turkey	5 kg/11 lb

Microwave Cooking

Cyclic Defrost

Step 1

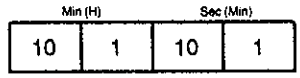
Touch Cyclic Defrost Pad.



►Clock time disappears. Cyclic Defrost indicator light turns on. Time Pad indicator light begins to blink.

Step 2

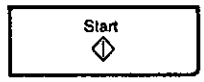
Set defrost time by pressing Time Pads.



►Defrost time appears in display window in minutes and seconds. Time Pad indicator light disappears and, Start Pad indicator light blinks.

Step 3

Touch Start Pad.



After Oven Starts:

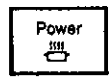
►MICROWAVE DEFROSTING BEGINS. Turntable rotates. Oven light turns on. Defrost indicator light begins to alternately blink and glow. Defrosting time counts down seconds by second.

►WHEN DEFROSTING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. Cyclic Defrost indicator light and oven light turn off. Time of day appears in display window.

One Stage Cooking

Step 1

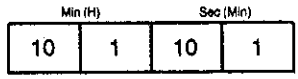
Select cooking power by pressing Power Pad.



►Clock time disappears. Selected power indicator light turns on. Time Pad indicator light blinks.

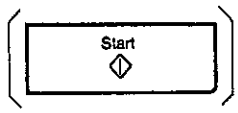
Step 2

Set cooking time by pressing Time Select Pads.



►Cooking time appears in display window in minutes and seconds. Time Pad indicator light disappears, and Start Pad indicator light blinks.

[Step 3. Touch Start Pad.]



OR

Two Stage Cooking

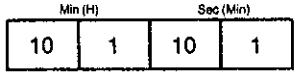
Step 3

Before touching Start Pad, select second cooking power by pressing Power Pad.

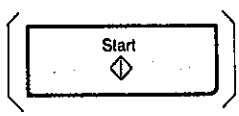
►Previously selected time and power indicator light disappear from display window. Second stage power indicator light turns on. Time Pad indicator light blinks.

Step 4

Set second stage cooking time by pressing Time Pads.



[Step 5. Touch Start Pad.]



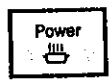
OR

►Second stage cooking time appears in display window.
Time Pad indicator light disappears, and Start Pad indicator light blinks.

Three Stage Cooking

Step 5

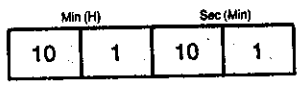
Before touching Start Pad, select third stage cooking power by pressing Power Pad.



►Previously selected time and power indicator light disappear from display window. Third stage power indicator light turns on.
Time Pad indicator light blinks.

Step 6

Set third stage cooking time by pressing Time Select pads.



►Third stage cooking time appears in display window.
Time Pad indicator light disappears, and Start Pad indicator light blinks.

Step 7

Touch Start Pad.

After Oven Starts:

►MICROWAVE COOKING BEGINS. Turntable rotates. Third stage cooking time disappears and first stage cooking time reappears in the display window and begins to count down. First stage power indicator light turns on and starts to blink. Second stage power indicator light turns on. Third stage power indicator light remains on.

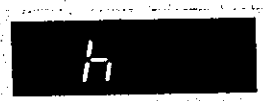
►WHEN THE FIRST STAGE COOKING TIME HAS ELAPSED, a beep sounds twice. Second stage cooking time reappears in the display window and begins to count down. First stage power indicator light turns off. Second stage power indicator light starts to blink. Third stage power indicator light remains on.

►WHEN THE SECOND STAGE COOKING TIME HAS ELAPSED, a beep sounds twice. Third stage cooking time reappears in the display window and begins to count down. Second stage power indicator light turns off. Third stage power indicator light starts to blink.

►WHEN THE THIRD STAGE COOKING TIME HAS ELAPSED, five beeps are heard and oven turns off. Third stage power indicator light turns off. Oven light turns off and turntable stops rotating. Time of day reappears in the display window.

NOTES ON TIME AND POWER COOKING:

1. When SIMMER power is programmed "h" meaning Hour appears in the display window. Cooking time can only be programmed in hours and minutes.

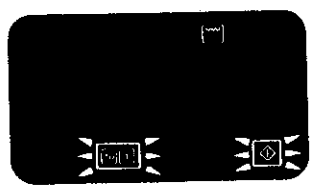


2. When SIMMER power is programmed for 1 hour or longer, the time will count down minute by minute. When less than 59 minutes (59 00) remain, the time will count down second by second.

Grill Cooking without Pre-heat

Step 1

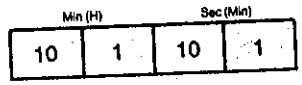
Touch Grill Pad.



►Clock time disappears. Grill indicator light turns on. Time Pad indicator light and Start Pad indicator light begin to blink.

Step 2

Set the Grill time by pressing the Time Pad.



►Grill time appears in display window in minutes and seconds. Time Pad indicator light disappears, and Start Pad indicator light remains blinking.

Step 3

Touch Start Pad.

After Oven Starts:

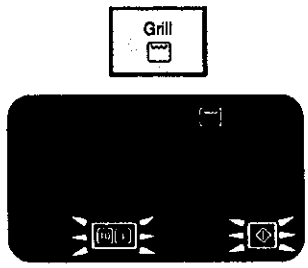
►GRILL COOKING BEGINS. Turntable rotates. Oven light turns on. Grill indicator light begins to blink. Grill time counts down second by second.

►WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops. The indicator light and oven light turn off. Time of day appears in display window.

Grill Cooking with Pre-heat

Step 1

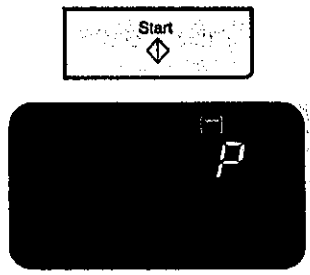
Touch Grill Pad.



►Clock time disappears. Grill indicator light turns on. Time Pad indicator light [10 1] and Start Pad indicator light [◇] begin to blink.

Step 2

Touch Start Pad.

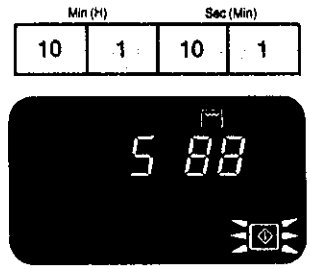


►Pre-heat indicator light "P" turns on in display window.
Oven lamp turns on, and turntable rotates.
Grill indicator light starts to blink.

When Pre-heat is elapsed, oven beeps three times. Pre-heat indicator light and Time Pad indicator light [10 1] start blinking.

Step 3

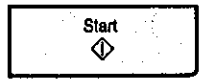
Open the door, and put the food into the oven. Set the cooking time by pressing Time Pads.



►Pre-heat indicator light disappears, and cooking time appears in display window in minutes and seconds. Grill indicator light remains on. Start Pad indicator light [◇] starts to blink.

Step 4

Touch the Start Pad.



After Oven Starts:

►GRILL COOKING BEGINS. Turntable rotates. Oven light turns on. Grill indicator light begins to alternately blink and glow. Grill time counts down second by second.

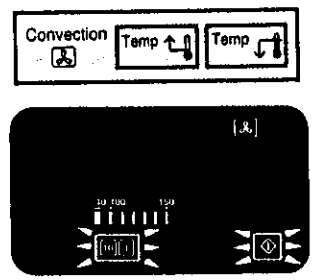
►WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. Grill indicator light and oven light turn off. Time of day appears in display window.

NOTE: When the door is not opened for more than 25 minutes after completing Pre-heat, oven beeps 5 times. This means that oven is kept heated within 25 minutes.

Convection Cooking without Pre-heat

Step 1

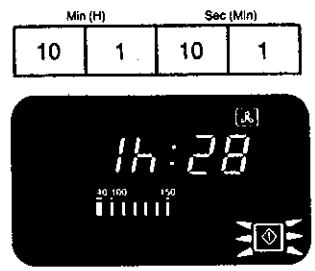
Touch Temperature Pad, [Temp ↓] or [Temp ↑], to set cooking temperature from 40°C up to 250°C.



▶Clock time disappears. Convection indicator light turns on. Cooking temperature will be counted up or counted down, to be shown in temperature bar indicator.
Time Pad indicator light [10 1] and Start Pad indicator light [◇] begin to blink.

Step 2

Set Convection time by pressing Time Pad.



▶Convection time appears in display window in hours and minutes. Convection indicator light remains on, and Start Pad indicator light [◇] remains blinking.

Step 3

Touch Start Pad.

After Oven Starts:

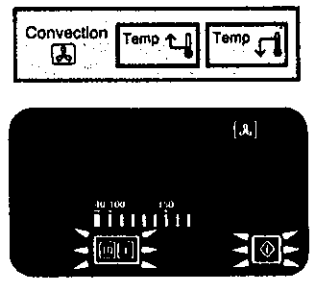
▶CONVECTION COOKING BEGINS. Turntable rotates. Convection cooking time begins to count down. Convection indicator light starts to blink.

▶WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. Convection indicator light and oven light turn off. Time of the day appears in display window.

Convection Cooking with Pre-heat

Step 1

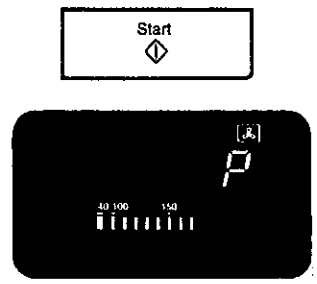
Touch Temperature Pad, [Temp ↑] or [Temp ↓], to set cooking temperature from 40°C up to 250°C.



▶Clock time disappears. Convection indicator light turns on.
Cooking temperature will be counted up or counted down, to be shown in temperature bar indicator.
Time Pad indicator light [10 1] and Start Pad indicator light [◇] begin to blink.

Step 2

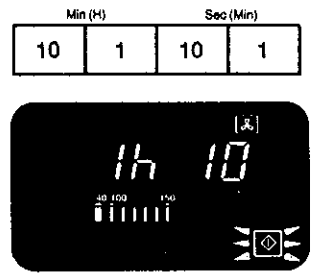
Touch Start Pad.



▶Pre-heat indicator light "P" turns on, oven lamp turns on, and turntable rotates.
Convection indicator light blinks and desired cooking temperature remains on. Actual oven temperature begins to blink until the Pre-heat is completed. At this time, oven beeps 3 times and Time Pad indicator light, Convection indicator, and Pre-heat indicator start blinking.

Step 3

Open the door, and put the food into the oven. Set the cooking time by pressing Time Pad.



▶Cooking time appears in display window in hours and minutes.
Convection indicator remains on, and Start Pad indicator light starts blinking.

Step 4

Touch Start Pad.

After Oven Starts:

▶CONVECTION COOKING BEGINS. Turntable rotates. Convection cooking time begins to count down. Convection indicator light starts to blink.

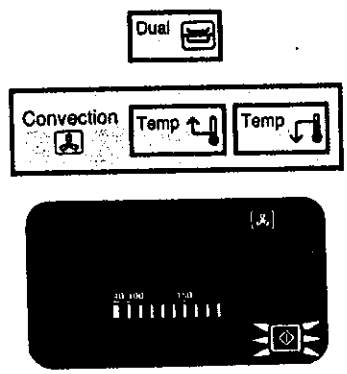
▶WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. Convection indicator light and oven light turn off. Time of the day appears in display window.

NOTE: When the door is not opened for more than 25 minutes, after completing Pre-heat, oven beeps 5 times. This means that oven is kept heated within 25 minutes.

Convection Cooking with Dual Shelves

Step 1

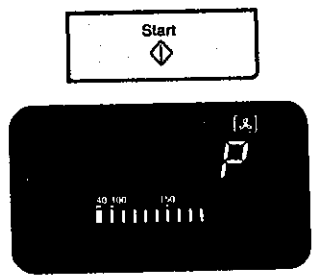
Touch Dual-Shelf Pad. And touch Temperature Pad, to set Pre-heat temperature, for Dual-Shelf Cooking.



▶Clock time disappears. Convection indicator light turns on.
Desired oven temperature will be shown, in temperature bar indicator.
Start Pad indicator light ◈ begins to blink.

Step 2

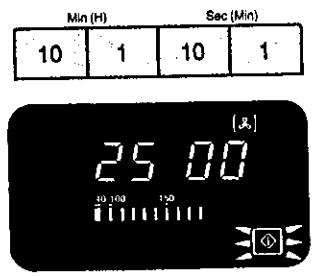
Touch Start Pad.



▶Convection indicator light starts to blink, and Pre-heat indicator light "P" turns on. Oven lamp turns on, and turntable rotates.
Actual oven temperature begins to blink until when the Pre-heat is completed to be remaining desired temperature.
When Pre-heat is elapsed, oven beeps three times Pre-heat indicator light "P" starts to blink, and Pre-heat temperature indicator will blink in temperature bar indicator. Time Pad indicator light ⊡ starts blinking.

Step 3

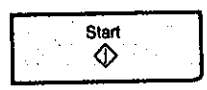
Open the door, and put the food into the oven. Set the cooking time by pressing Time Pads.



▶Cooking time appears in display window in hours and minutes. Convection indicator light stops blinking and stays on. Start Pad indicator light ◈ begins to blink.

Step 4

Touch the Start Pad.



After Oven Starts:

▶CONVECTION COOKING BEGINS. Turntable rotates. Convection cooking time begins to count down. Convection indicator light starts to blink.

▶WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating. Convection indicator light and oven light turns off. Time of the day appears in display window.

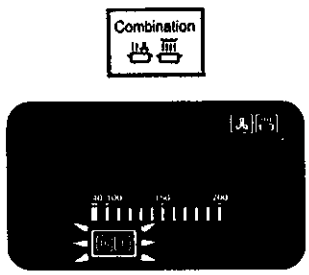
NOTE: When the door is not opened for more than 25 minutes after completing Pre-heat, oven beeps 5 times. This means that oven is kept heated within 25 minutes.

Combination Cooking

1. Microwave & Convection Combination.

Step 1

Touch Combination Pad, to set the microwave power level and oven temperature, from the following combinations:



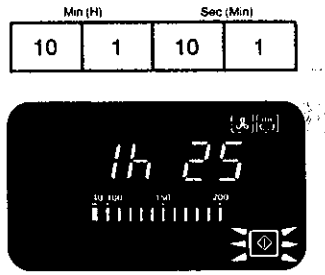
►Clock time disappears. Microwave indicator light and Convection indicator light turn on. Combination category number will be shown in display window. Time Pad indicator light [10 1] begins to blink.

Category	1	2	3	4
Microwave	140 W	240 W	160 W	220 W
Convection	160°C	200°C	180°C	180°C

Above shown Microwave Powers are approximate.

Step 2

Set cooking time by pressing Time Pad.



►Desired oven temperature remains on and cooking time will be shown in display window in hours and minutes. Microwave indicator light and Convection indicator light remain on. Start Pad indicator light [◇] starts blinking.

Step 3

Touch the Start Pad.

After Oven Starts:

►MICROWAVE AND CONVECTION ACTIVITY BEGINS. Turntable rotates, and oven light turns on. Combination cooking time will count down, and indicator lights and temperature bar starts blinking.

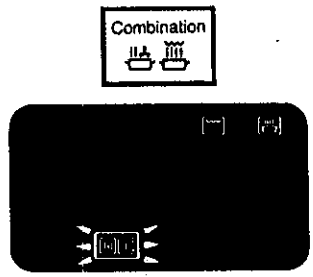
►WHEN COOKING IS COMPLETED, oven beeps five times and shuts off. Turntable stops rotating, oven light and indicator lights turn off, and time of day appears in display window.

NOTE: Pre-heat can't be programmed in combination cooking.

2. Microwave & Grill Combination.

Step 1

Touch Combination Pad, to set the microwave power level and to set grill function, from following combinations:



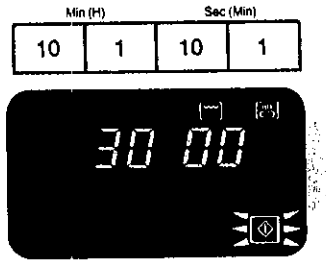
▶Clock time disappears. Microwave indicator light and Grill indicator light turn on. Combination category number will be shown in display window. Time Pad indicator light begins to blink.

Category	5	6
Microwave	380 W	160 W
Grill	1,500 W	1,500 W

Above shown Microwave Powers are approximate.

Step 2

Set cooking time by pressing Time Pad.



▶Cooking time appears in display window in minutes and seconds. Microwave indicator light and Grill indicator light remain on. Start Pad indicator light starts blinking.

Step 3

Touch the Start Pad.

After Oven Starts:

▶MICROWAVE AND GRILL ACTIVITY BEGIN. Turntable rotates, Oven light turns on. Combination Cooking time begins to count down, and indicator lights blink.

▶WHEN COMBINATION IS COMPLETED, turntable stops, oven beeps five times, and shuts off. Microwave and Grill indicator lights turn off. Time of the day appears in display window.

NOTE ON 2 AND 3 STAGES

1. Following are the possible programmes for 2 and 3 stage manual cookings.

First Stage	Second Stage	Third Stage
Microwave Cyclic Defrost Convection Grill Combination	Microwave Cyclic Defrost Convection Combination	Microwave Cyclic Defrost Convection Combination

2. Pre-heating can be programmed only at the first stage.
3. When you use Dual Shelf Cooking, 2 and 3 stages can't be programmed.

Care of Your Microwave Oven

1) Turn off and unplug the oven from hausehold AC outlet before cleaning.

2) Keep the inside of the oven and door sealing surfaces clean. When food spatters or spilled liquids adhere to oven walls and door sealing surfaces, wipe off with a damp cloth. Mild detergent may be used if they get very dirty. The use of harsh abrasive detergent or oven cleaner is not recommended as it could damage the surface.

3) The outside oven surface should be cleaned with soap and water, rinsed and dried with a soft cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.

4) If the Control Panel or door screen become dirty, clean with a soft, dry cloth. Do not use harsh detergents or abrasives.
When cleaning the Control Panel, leave the oven door open to prevent the oven from accidentally turning on. After cleaning touch Stop/Cancel Pad to clear display window.

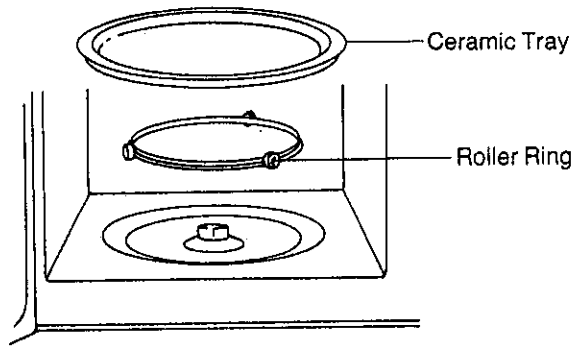
5) If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth.

6) To keep your oven in good working order and to get the best cooking results, always clean the oven while it is still warm.

7) When you use convection or grill cooking, the cabinet may be dirty around the air vent. In this case, please wipe off with a soft cloth.

8) It is occasionally necessary to remove ceramic tray for cleaning. Wash the tray in warm soapy water or in a dishwasher.

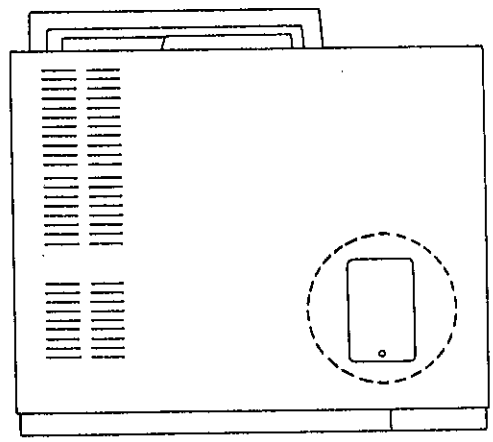
9) The roller ring and oven cavity floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent water or window cleaner and dry. The roller ring may be washed in mild soapy water. Cooking vapours collect during repeated use but in no way affects the bottom surface or roller ring wheels.
When removing the roller ring from cavity floor for cleaning, be sure to replace it in the proper position.



Replacement of Oven Light

When it becomes necessary to replace the oven light, you can replace it yourself. Please follow the directions below carefully.

Step 1. Turn off the oven and unplug it.
Step 2. Remove the screw from the oven light cover which is located on the rear side of the cabinet.
Step 3. Replace the oven light with the correct type bulb (240 V/25 W, TYPE E14). If this bulb is not available locally, contact the nearest authorized service facility.
Step 4. Replace the oven light cover.
Step 5. Replace the screw securely.

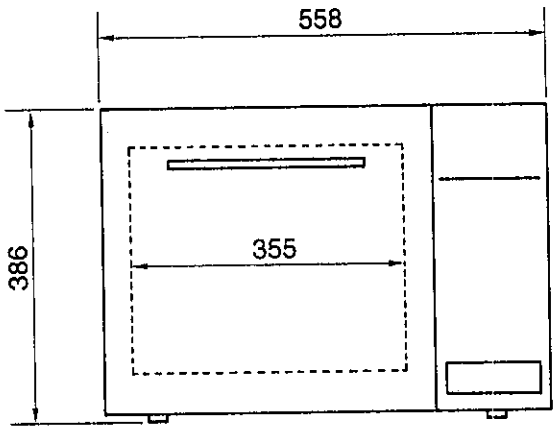


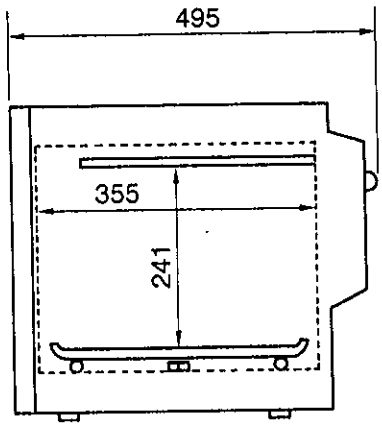
Technical Specifications

Power Source:	240 V, 50 Hz
Maximum Required Power:	2.8 kW
Output Power	
Microwave:	600 W
Convection Heater:	1.2 kW
Grill Heater:	1.5 kW

Microwave Frequency:	2,450 MHz
Timer:	99 min. 99 sec/ 9h. 99 min.
Oven Dimensions:	355×355×241 mm
Outer Dimensions:	558×495×386 mm
Weight:	31 kg

Weight and Dimensions shown are approximate.





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